

ABSTRACT

Hydrogen embrittlement is prevented in $\text{Sm}_2\text{Co}_{17}$ -based
5 magnets and $\text{R}_2\text{Fe}_{14}\text{B}$ -based magnets by metal plating the
magnet, then carrying out heat treatment, or by forming a
metal oxide or metal nitride layer on the metal plating
layer or directly on the magnet itself.